Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072619\
Data File : VW011490.D
Acq On : 25 Jul 2019 10:42
Operator : SY/VA
Sample : K3979-01
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB908

Quant Time: Jul 26 01:18:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072219S.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 26 01:06:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	457879	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	401857	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	193205	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	133533	21.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.40%			
7) Chloroethane-d5	2.88	69	99380	22.32	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.28%			
10) 1,1-Dichloroethene-d2	4.02	63	303803	21.94	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 87.76%			
20) 2-Butanone-d5	7.07	46	125908	48.37	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 96.74%			
24) Chloroform-d	7.65	84	270266	23.05	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.20%			
26) 1,2-Dichloroethane-d4	8.31	65	166285	23.85	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.40%			
29) Benzene-d6	8.27	84	577804	24.04	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.16%			
33) 1,2-Dichloropropane-d6	9.27	67	187160	24.03	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.12%			
37) Toluene-d8	10.32	98	509487	23.65	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.60%			
38) trans-1,3-Dichloropropene-	10.58	79	80656	23.98	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95.92%			
39) 2-Hexanone-d5	10.92	63	84825	50.24	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.48%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	149415	24.01	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 96.04%			
61) 1,2-Dichlorobenzene-d4	13.85	152	171759	23.68	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.72%			
Target Compounds						Qvalue
3) Chloromethane	2.21	50	118126	17.431	ug/L	99
6) Bromomethane	2.78	94	32343	8.394	ug/L	98
9) Trichlorofluoromethane	3.25	101	53859	14.188	ug/L	100
12) 1,1-Dichloroethene	4.04	96	128217	21.082	ug/L	93
13) Acetone	4.12	43	199931	72.601	ug/L	98
15) Methyl Acetate	4.67	43	162578	38.448	ug/L	100
16) Methylene chloride	4.92	84	73476	11.024	ug/L	97
17) Methyl tert-butyl Ether	5.42	73	302326	31.443	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	65364	10.422	ug/L	93
22) cis-1,2-Dichloroethene	7.17	96	167095	25.151	ug/L	98
23) Bromochloromethane	7.51	128	41292	14.871	ug/L	95
27) 1,2-Dichloroethane	8.40	62	83680	10.005	ug/L	100
30) Cyclohexane	7.95	56	130653	9.981	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	90841	10.155	ug/L	99
32) Carbon tetrachloride	8.07	117	102902	12.378	ug/L	99
35) Trichloroethene	9.09	95	265225	40.003	ug/L	99
36) Methylcyclohexane	9.33	83	308920	25.623	ug/L	99

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Quant Title : VOC Analysis
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 1,2-Dichloropropane	9.37	63	90035	12.847	ug/L	100
41) Bromodichloromethane	9.64	83	158832	19.383	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	176316	16.745	ug/L	100
44) Toluene	10.39	91	541968	20.255	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	70561	8.154	ug/L	96
47) Tetrachloroethene	10.86	164	202072	39.726	ug/L	99
49) 2-Hexanone	10.97	43	197023	43.503	ug/L	100
50) Dibromochloromethane	11.13	129	100732	19.398	ug/L	98
53) Ethylbenzene	11.73	91	452651	15.032	ug/L	99
54) m,p-Xylene	11.85	106	110186	9.991	ug/L	99
55) o-xylene	12.16	106	127598	12.275	ug/L	99
57) Isopropylbenzene	12.46	105	361867	12.781	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	246624	20.158	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	113159	10.052	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	19353	18.036	ug/L	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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